



AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)

Faculty of Science and Technology (FST)

Department of Computer Science (CS)

Undergraduate Program

Course ID and Name: CSC 3220 Compiler Design

Section: [H] (Lab Exam Final)

Student ID:

Name:

1. Write a C++ program that read data from file and create Binary search Tree based on credit.[Use struct and pointer create BST]

In.txt

1 Richard 111 3.5

2 Philip 98 3.6

3 Aaron 65 3.9

4 Florence 3.8

2. Write a C++ program that read data from file and find the terminal and non-terminal.

production.txt

S->aAb

A->bBa

3. Write a C++ function that Generate a string randomly; two letter from [A-Z], two character from [#,\$,@,!,*], two letter from [a-z] and three numbers from [0-9]. Write that string in a file.